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## AMENDMENTS TO THE CLAIMS

- 1. (Currently Amended) A process for producing 6 to 25 dpf carpet staple fiber comprising the steps of: melt spinning poly(trimethylene terephthalate) into fibers; accumulating the fibers under conditions to produce an aged undrawn yarn; prewetting a the aged undrawn yarn, said aged undrawn yarn consisting essentially of poly(trimethylene terephthalate), at a temperature less than about 45°C; drawing the fiber yarn under wet conditions at a temperature of from about 45°C to about 95°C in a first stage to a length of about 30 to about 90 percent of its final length; further drawing the fiber yarn in a second stage at a temperature from about 45°C to about 98°C under wet conditions; crimping the drawn fiber yarn; thermo-fixing the crimped fiber yarn in the presence of steam at a temperature from about 80°C to about 100°C; and drying the crimped fiber yarn at 60°C to 140°C.
- 2.(Original) The process of claim 1, wherein said undrawn yarn is spun on equipment having a spinneret capillary density of at least 2/cm<sup>2</sup> and a quench zone shorter than about 16 feet.
- 3. (Original) The process of claim 1, wherein the undrawn yarn is spun at a speed less than about 600 ypm.
- 4. (Original) The process of claim 1, wherein said prewetting and drawing are carried out under water or under an aqueous solution of processing finish.
- 5. (Original) The process of claim 1, wherein during said prewetting and drawing, said yarn is in the form of a spun rope of less than about 300,000 denier/inch.

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- 6. (Currently Amended) The process of claim 1, wherein in said first draw stage, the fiber yarn is drawn to a length from about 40 to about 70 percent of its final length.
- 7. (Currently Amended) The process of claim 1, wherein in said first draw stage, the fiber yarn is drawn to a length from about 50 to about 55 percent of its final length.
- 8.(Original) The process of claim 1, wherein said first draw stage is carried out at a temperature of about 80°C or less.
- 9.(Original) The process of claim 1, wherein said first draw stage is carried out at a temperature of about  $70\,^{\circ}\text{C}$  or less.
- 10. (Original) The process of claim 1, wherein said first draw stage is carried out at a temperature of about 60°C or less.
- 11. (Original) The process of claim 1, wherein said first draw stage is carried out at a temperature of about 50°C to about 55°C.
- 12. (Original) The process of claim 1, wherein said second draw stage is carried out at a temperature of about 60°C to about 80°C.
- 13. (Original) The process of claim 1 wherein said thermofixing is carried out at a temperature of about 85°C.
- 14. (Original) The process of claim 1 wherein said drawn yarn has a denier of 6 to 20 dpf.
- 15. (Currently Amended) The process of claim 1 wherein the crimped fiber yarn is dried at a temperature from about 60°C to about 100°C.

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- 16. (Currently Amended) A process for producing 1 to 6 dpf textile staple fiber comprising the steps of: melt spinning poly(trimethylene terephthalate) into fibers; accumulating the fibers under conditions to produce an aged undrawn yarn; prewetting e the aged undrawn yarn, said aged undrawn yarn consisting essentially of poly(trimethylene terephthalate), at a temperature less than about 45°C; drawing the fiber yarn under wet conditions at a temperature of from about 45°C to about 95°C in a first stage to a length of about 30 to about 90 percent of its final length; further drawing the fiber yarn in a second stage at a temperature from about 45°C to about 98°C under wet conditions; crimping the drawn fiber yarn; thermofixing the crimped #iber yarn in the presence of steam at a temperature from about 80°C to about 100°C; and drying the crimped fiber yarn at 60°C to 140°C.
- 17. (Original) The process of claim 16, wherein said undrawn yarn is spun on equipment having a spinneret capillary density of at least about 8/cm2 and a quench zone shorter than about 16 feet.
- 18. (Original) The process of claim 16 wherein said undrawn yarn is spun at a speed of 1300 ypm or less.
- 19. (Original) The process of claim 16 wherein said undrawn yarn is spun at a speed of 900 ypm or less.
- 20. (Original) The process of claim 16 wherein said prewetting and drawing are carried out under water or under an aqueous solution of processing finish.
- 21. (Original) The process of claim 16, wherein during said prewetting and drawing, said yarn is in the form of a spun rope of less than about 200,000 denier/inch.

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- 21. (Original) The process of claim 16, wherein during said prewetting and drawing, said yarn is in the form of a spun rope of less than about 200,000 denier/inch.
- 22. (Currently Amended) The process of claim 16, wherein in said first draw stage, the <u>fiber yarn</u> is drawn to a length from about 40 to about 90 percent of its final length.
- 23. (Currently Amended) The process of claim 16, wherein in said first draw stage, the <u>fiber yarn</u> is drawn to a length from about 70 to about 90 percent of its final length.
- 24. (Original) The process of claim 16, wherein said first draw stage is carried out at a temperature of about 80°C or less.
- 25. (Original) The process of claim 16, wherein said first draw stage is carried out at a temperature of about 70°C or less.
- 26. (Original) The process of claim 16, wherein said first draw stage is carried out at a temperature of about 60°C or less.
- 27. (Original) The process of claim 16, wherein said first draw stage is carried out at a temperature of about 50°C to about 55°C.
- 28. (Original) The process of claim 16, wherein said second draw stage is carried out at a temperature of about 60°C to about 80°C.
- 29. (Original) The process of claim 16, wherein said thermofixing is carried out at a temperature of about 85°C.

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- 30. (Currently Amended) The process of claim 16, wherein said crimped fiber yarn is dried at a temperature from about 60°C to about 100°C.
- 31. (Canceled)
- 32. (Canceled)
- 33. (Canceled)
- 34. (Canceled)
- 35. (Canceled)
- 36. (Canceled)
- 37. (Canceled)
- 38. (Canceled)
- 39. (Canceled)
- 40. (Canceled)
- 41. (Canceled)
- 42. (Canceled)
- 43. (Canceled)
- 44. (Canceled)
- 45. (Canceled)